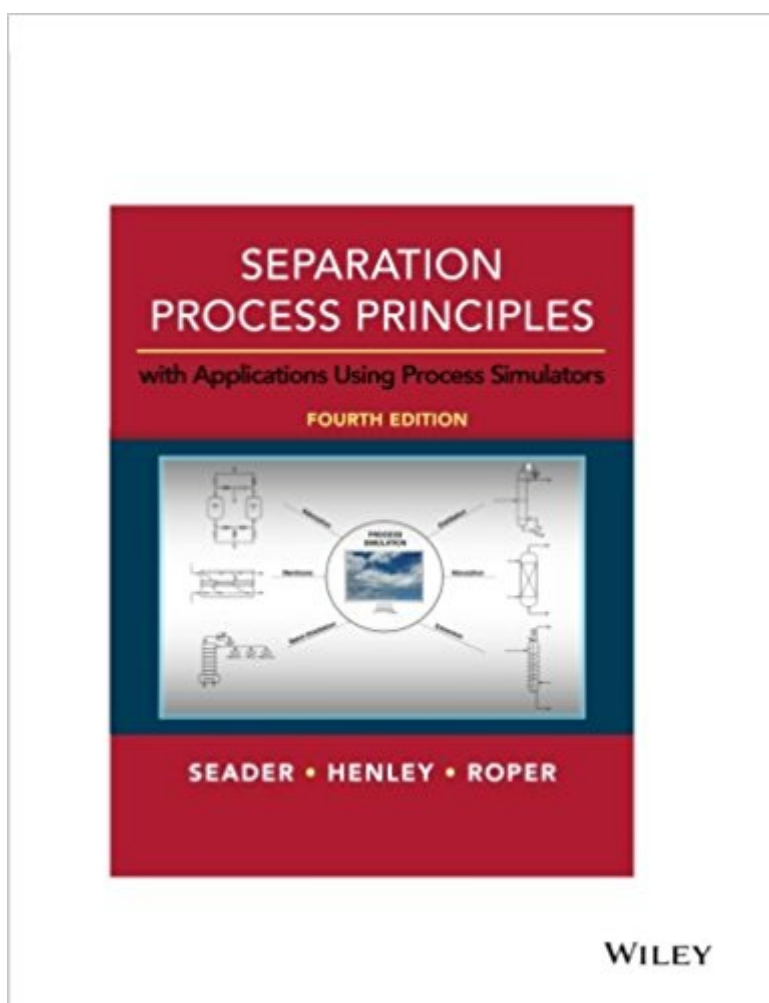


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# Separation Process Principles With Applications Using Process Simulators



## Synopsis

Separation Process Principles with Applications Using Process Simulator, 4th Edition is the most comprehensive and up-to-date treatment of the major separation operations in the chemical industry. The 4th edition focuses on using process simulators to design separation processes and prepares readers for professional practice. Completely rewritten to enhance clarity, this fourth edition provides engineers with a strong understanding of the field. With the help of an additional co-author, the text presents new information on bioseparations throughout the chapters. A new chapter on mechanical separations covers settling, filtration and centrifugation including mechanical separations in biotechnology and cell lysis. Boxes help highlight fundamental equations. Numerous new examples and exercises are integrated throughout as well.

## Book Information

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## Customer Reviews

So this is a very good reference book, but not really a great textbook. This is a good book to have on hand when you need to lookup separations solutions you may not have done in some time. The example problems are very good and if you can find the solutions manual, it has very good guides on how to walk through and approach the problems. The examples aren't great which is a bit surprising given how detailed the solutions manual is. Overall, this is a good book if you have it as a reference or guide while you're taking a class on separations. It's not going to teach you everything and if you have to try to learn everything from it, you'll struggle.

This book provides comprehensive, thorough, in-depth coverage of a broad range of topics in

separations. It is an excellent reference, and a good choice as a textbook for a graduate course. However, the authors promote the book as an undergraduate textbook, and in my view it is too advanced for a first-level course. Most undergraduates will have difficulty sorting out the material and learning basic concepts from this book.

This one is par for the course. It contains formulae and examples that fit well with the lectures. It covers the basics of separations from absorbers and strippers. Though it is a good companion to my teacher's lectures, he also puts up supplemental notes that go into more detail. All told, this book is an acceptable companion, but not something so brilliant that I could read it and skip class and still feel even remotely comfortable on the test.

Not a good book, skip if you can. Most classes don't need it.

Can be heavy going but it is very concise, well written and illustrated plus the sol man is thorough and not just a bunch of numbers with no explanation. Essential for the mass transfer unit. They directly took 2/5 assignment probs from it, and based the other 3 on examples easily found.

The book is so poor and there is a big damage of the cover edge. I am so worried that the breach will become bigger when I use it. I wish to return it or exchange another better one if I can.

Makes a challenging course even worse. Could be less effective, but that would be a challenge to accomplish for this text. Highly unintuitive and filled with poor examples and references to material the reader has a high chance of not knowing.

It was a good textbook. Not much more to say besides that. It was good quality as well

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